

(57) **Abstract:** Novel bisamidate phosphonate prodrugs of FBPAse inhibitors of the Formula (IA) and their use in the treatment of diabetes and other conditions associated with elevated blood glucose.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 00/02071

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07F9/655 A61K31/66 A61P3/10 C07F9/44 C07F9/6561
C07F9/6558

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07F A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98 39342 A (METABASIS THERAPEUTICS) 11 September 1998 (1998-09-11) cited in the application the whole document ---	1-115
Y	WO 98 39343 A (METABASIS THERAPEUTICS) 11 September 1998 (1998-09-11) cited in the application the whole document ---	1-115
Y	WO 98 39344 A (METABASIS THERAPEUTICS) 11 September 1998 (1998-09-11) cited in the application the whole document ---	1-115
Y	WO 95 07920 A (GILEAD SCIENCES) 23 March 1995 (1995-03-23) the whole document ---	1-115
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

31 August 2001

Date of mailing of the international search report

10/09/2001

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 00/02071

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 45016 A (METABASIS THERAPEUTICS) 10 September 1999 (1999-09-10) the whole document ----	1-115
P,Y	WO 00 14095 A (METABASIS THERAPEUTICS) 16 March 2000 (2000-03-16) cited in the application the whole document ----	1-115
P,X	WO 00 38666 A (METABASIS THERAPEUTICS) 6 July 2000 (2000-07-06) the whole document -----	1-115

FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210

Continuation of Box I.2

Claims 1-3 refer to compounds of formula IA in which a substituent M is present.

As no definition is given for such substituent in any of claims 1-3, the search has been performed according to the definitions of M given in claims 4-57, 62-100, 103-110 and in the description.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 00/02071

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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